

L3 ANSWER 134 OF 161 CA COPYRIGHT 2005 ACS on STN

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TI Exhaust gas filters

PA Toyota Motor Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC B01D039-20

CC 59-3 (Air Pollution and Industrial Hygiene)

Section cross-reference(s): 57

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 58081419	A2	19830516	JP 1981-180289	19811112
	JP 03001044	B4	19910109		
PRAI	JP 1981-180289		19811112		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 58081419	IC	B01D039-20

AB A ceramic exhaust filter is treated with an **alkali silicate** solution. Thus, a ceramic filter was prepared from a mixture consisting of **cordierite** and 20% alumina and immersed for 1 h in a **water glass solution** to reinforce the filter.

ST exhaust gas **cordierite** alumina filter; **water** glass treatment exhaust gas filter

IT Filters and Filtration apparatus
(ceramic, for exhaust gas treatment, reinforcing of)

IT Exhaust gases
(filter for, reinforcing of)

IT 1344-09-8

RL: OCCU (Occurrence)

(for reinforcing of **cordierite** filter for exhaust gas treatment)